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**OFFICIAL** **PATENT**  
IBM Docket No. JP920000247US1

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Carla Munoz-Bustamante	
Person mailing document.	Signature

**In the United States Patent and Trademark Office****Date:** January 23, 2004**In re Application** Hideyuki Usui  
**of:****Filed:** October 16, 2001**For:** Connection Enhancement Apparatus and Information  
Processing Apparatus**Serial Number:** 09/978,519**Conf. No.:****Art Unit:** 2835**Examiner:** Lisa Lea-Edmunds**AFTER FINAL AMENDMENT under 37 CFR § 1.116 (c)**Hon. Commissioner for Patents  
P.O. Box 1450, Alexandria, VA 22313-1450

Sir:

In response to the Office Action dated September 25, 2003 with period for response ending December 25, 2003, Applicants respectfully seek entry of the following amendment and remarks under 37 CFR § 1.116 (c). It is believed entry of this response would serve to facilitate prosecution by placing this case in condition for allowance.

SN: 09/978,519

- 1 -

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P.01

**International Business Machines Corporation  
Intellectual Property Law Department****TELEFAX TRANSMISSION****TRANSMITTED TO:**

Name:

Lisa Lea-EdmondsDATE: 7 June 2004

Company:

USPTO

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Fax Number:

~~703-305-6043~~ 571 273-2043 0253**TRANSMITTED FROM:**

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Practitioner's Model No. JP20000617US1 PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

To re application of: Hideochi Ueda et al. Ser. No.: 2835

Application No. 09/976579 Examiners: Lisa S. Lee Edwards

File Date: 10/16/2001 Examiner No. 23299

Re: Connection Enhancement Apparatus and Information Processing Apparatus

Att: AMENDMENT  
 Correspondent for Patents  
 Alexandria, VA 22313-4450

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I hereby certify that the following papers are being facsimile transmitted to the Patent and Trademark Office at (703) 872-9306 (Group 2800 / After Final) on the date shown below:

1. TRANSMITTAL for Amendment to duplicate (2 pages)
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Sent By: Carlos Manuel Bustamante

Date: January 26, 2004

Signature:

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 IBM CORPORATION  
 Intellectual Property Law Dept. 5500A09, 000-2  
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9192542649 TO 915712730253

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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hideyuki Usui et al.

Art Unit No.: 2835

Application No.: 09/978519

Examiner: Lisa S. Lea Edmonds

File Date: 10/16/2001

Customer No. 25299

For: Connection Enhancement Apparatus and Information Processing Apparatus

Commissioner for Patents

P.O. Box 1450, Alexandria, VA 22313-1450

AMENDMENT TRANSMITTAL

Transmitted herewith is an amendment for this application.

1. The fee for claims has been calculated as shown below:

Claims Remaining After Amendment	Highest Number Already Paid For	Percent extra	Rate	Additional Fee
Total 8	20	0	\$18.00	\$0.00
Indep 5	5	0	\$84.00	\$0.00
First Presentation of Multiple Dependent Claims			\$230.00	\$0.00
<b>TOTAL:</b>				<b>\$0.00</b>

Please charge Deposit Account Number 09-1990 for the fees as set forth above. The Commissioner is authorized to charge payment of any additional fees required under 37 CFR §1.16 and 37 CFR §1.17 or to credit any overpayment to the designated Deposit Account. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

CARLOS MUNOZ-BUSTAMANTE  
Reg. No. 51,349  
Telephone (919) 254-2587


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Docket JP920000247US1

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9192542649 TO 915712730253

P.04

Practitioner's Docket No. JP920000247US1

PATENT

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In re application of Hideyuki Usui et al

Art Unit No.: 2835

Application No.: 09/978,519

Examiner: Lisa S. Lea Edmonds

File Date: 10/16/2001

Customer No. 25299

For: Connection Enhancement Apparatus and Information Processing Apparatus

Attn: AMENDMENT  
Commissioner for Patents  
Alexandria, VA 22313-1450

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1. TRANSMITTAL for Amendment in duplicate (2 pages)
2. AMENDMENT - (14 PAGES)

Faxed By: Carlos Munoz-Bustamante

January 26, 2004

Date

  
Signature\*\*\*\*\*  
PLEASE DELIVER TO US PATENT OFFICE GROUP UNIT 2835 - FOR EXAMINER Lisa S. Lea Edmonds - FAX 703-872-9306 / PHONE 703-305-0265TRANSMITTED FROM: Carlos Munoz-Bustamante, Patent Agent  
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PATENT

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of: Hideyuki Usui et al.

Art Unit No.: 2835

Application No.: 09/978519

Examiner: Lisa S. Lee Edmonds

File Date: 10/16/2001

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P.O. Box 1450, Alexandria, VA 22313-1450AMENDMENT TRANSMITTAL

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1. The fee for claims has been calculated as shown below:

Claims Remaining After Amendment		Highest Number Already Paid For	Present extra	Rate	Additional Fee
Total	8	20	0	\$18.00	\$0.00
Indep	5	5	0	\$84.00	\$0.00
For Presentation of Multiple Dependent Claims				\$280.00	\$0.00
TOTAL:					\$0.00

Please charge Deposit Account Number 09-1990 for the fees as set forth above. The Commissioner is authorized to charge payment of any additional fees required under 37 CFR §1.16 and 37 CFR §1.17 or to credit any overpayment to the designated Deposit Account. A duplicate copy of this sheet is enclosed.

Respectfully Submitted,

CARLOS MUNOZ-BUSTAMANTE  
Reg. No. 51,349  
Telephone (919) 254-2587

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